

To Participate or Not in an Institute- led Program Announcement

Jeanette Duggan

Program Analyst

Charlotte Pratt, PhD

Program Director

National Heart, Lung, and Blood Institute

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Abstract:

Institutes within the NIH often issue program announcements (PAs) and request secondary participation by other ICs. The criteria for making Institute decisions on whether to participate or not in another IC's PA may be variable. We conducted a portfolio analysis using QVR and INSPIRE to enable us make informed decisions on whether to participate or not in the PA "Health Promotion in Minority Males," led by the National Institute of Nursing Research. The following are research questions:

- What are the yields (# of applications received, # assigned, # funded by NHLBI and other ICs?) from three releases of the PA from 2000 through 2010?
- What are the clusters of scientific topics received and funded across ICs?
- What is the number of publications from awarded grants under the PA?
- What is the number of citations from published papers?
- Are there other announcements that fit into this category of scientific topic area (i.e., minority males) but not funded in response to the Health Promotion in Minority Males PAs? And if so, what topic areas?

The results indicated very low yield with respect to number of applications assigned to and funded by NHLBI. This presentation will report on findings from the above investigations.

Methods

- We used QVR to obtain applications funded by ICs using the following:
 - R01s: PA-03-170, PA-07-422, PA-10-236
 - R21s: PA-07-421, PA-10-237
 - Other applications not funded using the above PAs
- We used INSPIRE to examine clusters of topics funded under the above mechanisms, PAs and applications not funded in response to the above PAs
- For publications/citations we used PubMed, QVR, Spire, Google Scholar

RESULTS



What are the yields (# of applications received, # assigned, # funded by NHLBI and other ICs?) from three releases of the PA from 2000 through 2010?

R01

	# of applications received by ICs	# assigned to NHLBI	# funded by ICs	# funded by NHLBI
PA-03-170*	52	12	5	0
PA-07-422	32	11	3	1
PA-10-236	44	9	2	0

PA-03-170 included both the R01 and R21 mechanisms



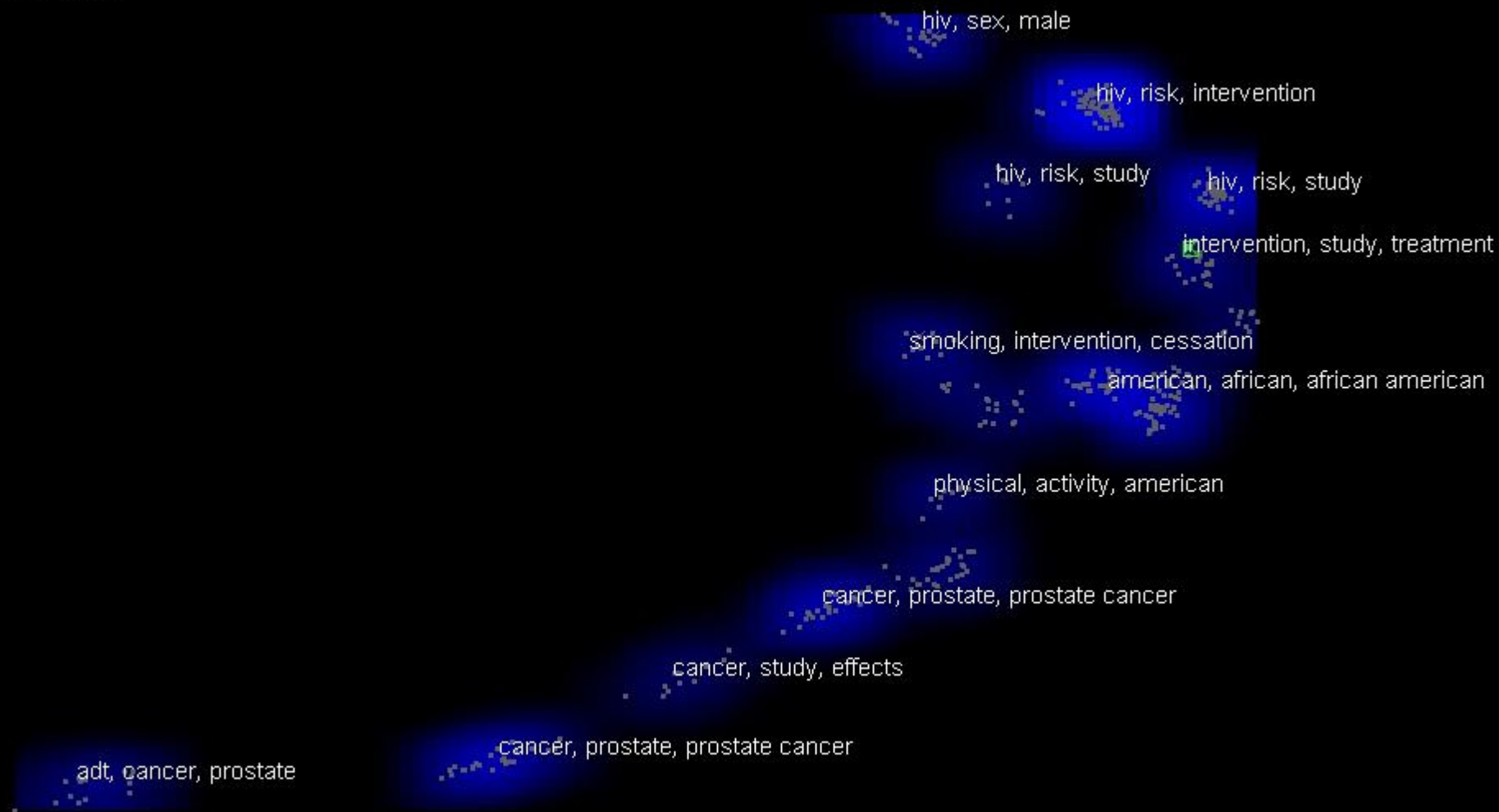
What are the yields (# of applications received, # assigned, # funded by NHLBI and other ICs?) from two releases of the PA from 2000 through 2010?

R21

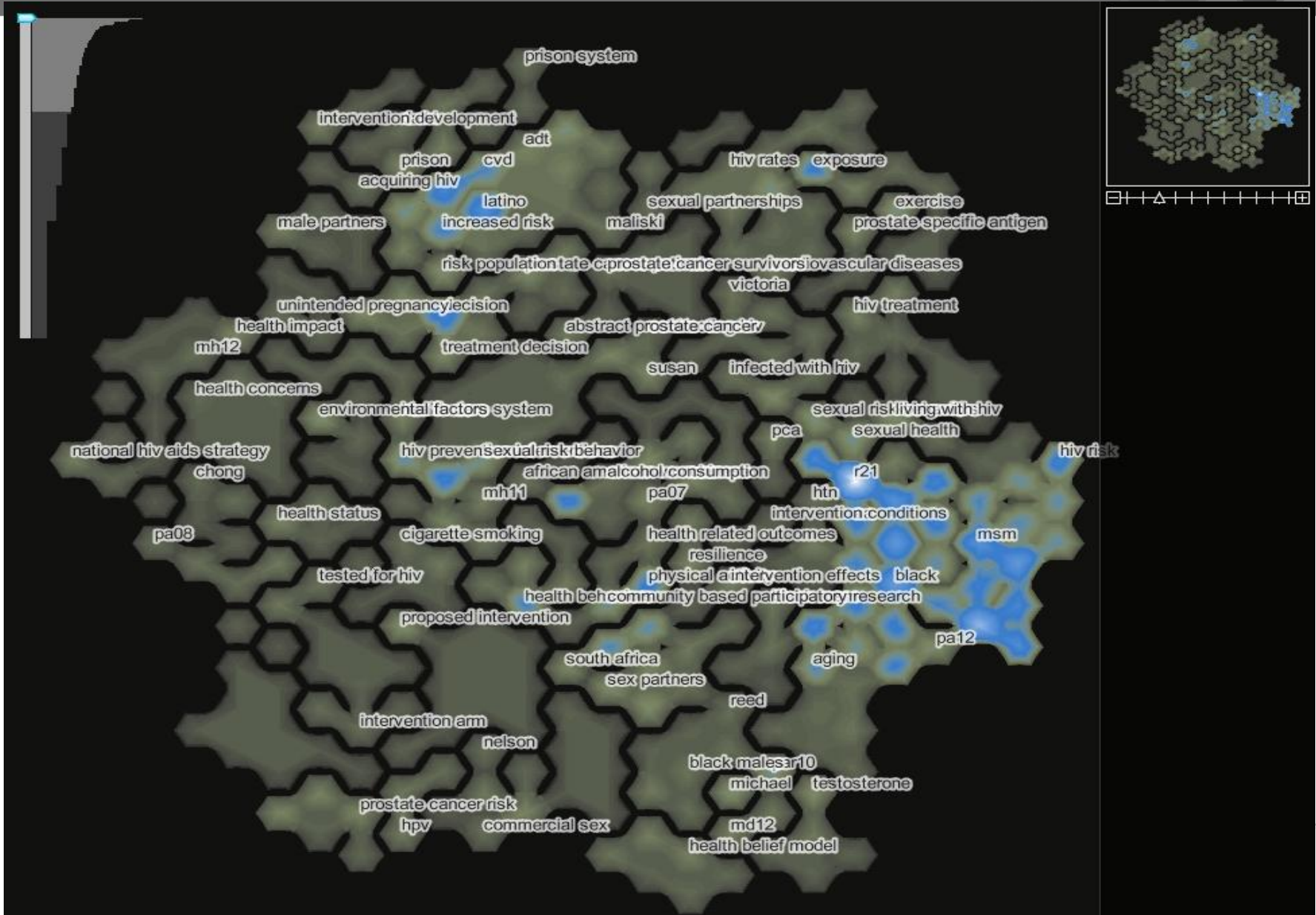
	# of applications received by ICs	# assigned to NHLBI	# funded by ICs	# funded by NHLBI
PA-07-421	46	12	2	0
PA-10-237	72	29	2	1

Clusters of scientific topics received and funded across ICs

1 total selected



Clusters of scientific topics received and funded across ICs



What is the number of publications from awarded grants?

Program Announcement	Publications	Comments (authors, journals, etc.)
PA-03-170	12	<ol style="list-style-type: none"> 1. Gilbert et al., <u>J Homosex</u> 2. Gilbert et al., <u>AIDS Patient Care STDS</u> 3. Rhodes et al., <u>J Acquir Immune Defic Syndr</u> 4. Rhodes et al., <u>Am J Health Behav</u> 5. Rhodes et al., <u>Rural Health</u> 6. Rhodes et al., <u>Cult Health Sex</u> 7. Rhodes et al., <u>AIDS Educ Prev</u> 8. Bryan et al., <u>J Natl Med Assoc</u> 9. Hooker et al., <u>J Health Commun</u> 10. Friedman & Hooker et al., <u>J Health Commun</u> 11. Hooker et al., <u>Health Educ Res</u>; 12. Hooker et al., <u>Ethn Dis.</u>
PA-07-422	4	Hussen et al., <u>Cult Health Sex</u> ; Garcia et al., <u>Arch Sex Behav</u> ; Paiva et al., <u>Glob Public Health</u> ; Munoz-Labo et al., <u>Cult Health Sex</u>
PA-10-236	1	Lewis et al., <u>Expert Rev Cardiovasc Ther.</u>
PA-07-421	0	
PA-10-237	1	Ristvedt, SL. <u>JAMA Psychiatry</u>

Source: QVR, citation index

What is the number of citations from awarded grants under the PA?

Program Announcement	Citations
PA-03-170	115
PA-07-422	29
PA-10-236	1
PA-07-421	0
PA-10-237	2

Source: Google Scholar

Publication and Citations Primarily in Journals that Focus on HIV, AIDS, Sexuality Men's Health, and Health Behavior

Publications and Citations from 12 Publications under PA-03-170

Author	Publications	Citations
Rhodes et al. (R21)	7	78
Hooker et al. (R21)	4	33
Bryan et al (R01)	1	4

As of July 9, 2014

Are there program announcements that fit into this category of scientific topic area and are not funded in response to the Health Promotion in Minority Males PAs? And if so, what topic areas?

Program Announcement	Title/Topic	Number of All IC Applications	Number of HL Applications
PA-08-084	The Effect of Racial and Ethnic Discrimination/Bias on Health Care Delivery (R21)	1	0
PA-09-141	Community-Based Partnerships for Childhood Obesity Prevention and Control: Research to Inform Policy (R21)	2	2
PA-09-244	Nutrition and Physical Activity Research to Promote Cardiovascular and Pulmonary Health (R21)	6	5
PA-10-067	Research Project Grant (Parent R01)	16	9
PA-10-069	NIH Exploratory Developmental Research Grant Program (Parent R21)	6	2
PA-11-113	Ruth L. Kirschstein National Research Service Awards (NRSA) for Individual Postdoctoral Fellows (Parent F32)	1	1
PA-11-193	Mentored Clinical Scientist Research Career Development Award (Parent K08)	1	1
PA-11-260	Research Project Grant (Parent R01)	7	4
PA-12-179	Exploratory/Developmental Clinical Research Grants in Obesity (R21)	1	0

Clusters of scientific topics received and funded across ICs for ALL PAs related to minority males

0 total selected



Summary

- Program announcements on health promotion in minority males yielded low responses from investigators interested in cardiovascular health.
- Clusters of scientific topics emphasized HIV, AIDS and sexuality.
- For PA-03-170, R21 applications yielded more citations compared with R01 applications in response to the same PA.
- Investigators used the parent FOAs for topics related to minority health promotion more often than for specified PAs.
- Applications that used the parent FOAs were more relevant to NHLBI than those that used the specified PAs.



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